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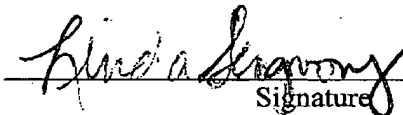
P.O. Box 70889

Houston, Texas 77270-70889

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on December 19, 2007**Date**(571) 273-8300**Facsimile Number****No. of Pages including  
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SignatureLinda Sengvong**Typed or Printed Name****Attached are the following pages:**

1. Response to Office Action Mailed September 21, 2007 [9 pages];
2. New Drawing Sheet (FIG. 3A) [1 page];
3. Marked-Up Specification [19 pages]; and
4. Substitute Specification [18 pages].

**Applicant:** Homan**Group Art Unit:** 2862**Serial No.:** 10/616,710**Examiner:** David M. Schindler**Filing Date:** July 10, 2003**Atty. Docket No.:** 19.0317US**Title:** Electromagnetic Logging Tool Calibration System

P.O. Box 70889 Houston, TX 77270-70889  
Telephone: (832) 333-5547 Facsimile: (866) 676-7879

Appl. No. 10/616,710  
Reply to Non-Final Office Action dated September 21, 2007

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Dean M. Homan	§	
		§	
Serial No.:	10/616,710	§	Group Art Unit: 2862
		§	
Filed:	July 10, 2003	§	Examiner: David M. Schindler
		§	
Title:	Electromagnetic Logging	§	Atty. Docket No.: 19.0317
	Tool Calibration System	§	

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**RESPONSE TO NON-FINAL OFFICE ACTION**  
**MAILED SEPTEMBER 21, 2007**

In response to the Non-Final Office Action mailed September 21, 2007, please amend the above-identified U.S. patent application as follows:

**The Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.